

Title (en)

METHOD FOR SELECTING CARRIERS AND DEVICE SUPPORTING THE SAME

Title (de)

VERFAHREN ZUR AUSWAHL EINES TRÄGERS UND VORRICHTUNG ZUR DURCHFÜHRUNG DESSELBEN

Title (fr)

PROCÉDÉ DE SÉLECTION DE PORTEUSES, ET DISPOSITIF PRENANT EN CHARGE LE PROCÉDÉ

Publication

**EP 3649813 A4 20200624 (EN)**

Application

**EP 18838817 A 20180725**

Priority

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- KR 2018008414 W 20180725

Abstract (en)

[origin: WO2019022504A1] Provided are a method of selecting carriers and a device supporting the method. According to one embodiment of the present invention, a method for selecting carriers in a wireless communication system includes: receiving information on carriers and Channel Busy Ratio threshold from a network; selecting at least one carrier of which CBR value is below the CBR threshold; selecting a resource on the selected carrier; and transmitting a medium access control (MAC) packet data unit (PDU) by using the selected resource of the selected carrier.

IPC 8 full level

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CPC (source: EP US)

**H04L 5/001** (2013.01 - US); **H04W 72/02** (2013.01 - EP US); **H04W 72/0446** (2013.01 - US); **H04W 72/0453** (2013.01 - US); **H04W 72/52** (2023.01 - US); **H04W 72/53** (2023.01 - US); **H04W 72/542** (2023.01 - US); **H04W 36/0055** (2013.01 - EP US); **H04W 72/0453** (2013.01 - EP); **H04W 72/52** (2023.01 - EP)

Citation (search report)

- [XAY] CATT: "Multi-Carrier Operation for Sidelink V2X", vol. RAN WG2, no. Reno, USA; 20161114 - 20161118, 4 November 2016 (2016-11-04), XP051192383, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/tsg\_ran/WG2\_RL2/TSGR2\_96/Docs/> [retrieved on 20161104]
- [Y] NOKIA ET AL: "On CBR Measurement", vol. RAN WG1, no. Reno, USA; 20161114 - 20161118, 6 November 2016 (2016-11-06), XP051190874, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/tsg\_ran/WG1\_RL1/TSGR1\_87/Docs/> [retrieved on 20161106]
- [YA] INTEL CORPORATION: "On Carrier Aggregation for LTE V2V Sidelink Communication", vol. RAN WG1, no. Spokane, USA; 20170403 - 20170407, 25 March 2017 (2017-03-25), XP051251935, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/tsg\_ran/WG1\_RL1/TSGR1\_88b/Docs/> [retrieved on 20170325]
- [A] ZTE: "Considering CA on PC5 carrier", vol. RAN WG1, no. Hangzhou; 20170515 - 20170519, 6 May 2017 (2017-05-06), XP051261715, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/tsg\_ran/WG1\_RL1/TSGR1\_89/Docs/> [retrieved on 20170506]
- [A] GUANGDONG OPPO MOBILE TELECOM: "Discussion on the congestion control", vol. RAN WG1, no. Reno, USA; 20161114 - 20161118, 4 November 2016 (2016-11-04), XP051189132, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/tsg\_ran/WG1\_RL1/TSGR1\_87/Docs/> [retrieved on 20161104]
- See also references of WO 2019022504A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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